

ART. XXII.—*The Endoparasites of Australian Stock  
and Native Fauna.*

PART I.

*Introduction, and Census of Forms recorded up to date.*

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[Read 10th December, 1908.]

INTRODUCTION.

The investigation of which the present papers form the first records was begun this year (1908) in the Biological Laboratory of the University of Melbourne. This work, of which the extent and difficulties can only be appreciated by those who know something of the subject, aims at making a systematic and thorough enquiry into the nature of the internal parasites infesting Australian animals, both native and domesticated, and then into the life-history and conditions of increase and spread of these injurious forms. So far but little of a methodical and widespread nature has been done in Australia, although, as will be seen from the accompanying census, a considerable number of records are scattered about in various publications. The valuable work of Dr. N. A. Cobb in New South Wales is the principal series of records in this direction, the other States of the Commonwealth being very far behind the mother State in this respect. This, in a country so dependent on its live stock industries as Australia, means a very great loss in revenue annually from what are probably preventable causes.

Doubtless we have here many of the more common forms of the older civilised countries, which have been introduced, but very probably, too, there are species unknown elsewhere and just as objectionable as many of the better known kinds. My

object then is twofold: first, to increase our purely scientific knowledge of the Australian parasitic fauna, and especially of the "worms"; and secondly, to attack in some measure the scientific and economic problems associated with the existence and eradication of these "pests."

As a result of the courtesy and foresight of the ex-Minister of Agriculture and the chief officer in the Stock branch of the Department of Agriculture of Victoria, a large number of circulars have been printed and distributed to those most likely to assist, especially in this State, inviting their co-operation in sending specimens. As yet, it is too soon to receive much response in the way of material, but considerable interest has been shown in the matter in other States as well as this.

At the outset I wish to thank most sincerely all those who have already helped forward this work—especially the ex-Minister for Agriculture (Hon. George Swinburne, M.L.A.), and the chief veterinary officer in the Stock Branch (Mr. S. S. Cameron, M.R.C.V.S.), Professor Baldwin Spencer, C.M.G., F.R.S., and Dr. T. S. Hall, of the Biological Department in this University, and also the librarians and assistants of the several Government and other libraries, who have done their utmost to assist me in my tedious search for records. The names of those to whom my thanks are due for specimens appear in connection with the individual records.

#### CENSUS.

In undertaking this work it was essential that I should know exactly what has been recorded up to date from or in Australia and Tasmania, and New Guinea with its surrounding islands, these being included on account of the existence of Australian marsupials there. As it seemed that this information would be useful for others also, it is being published here. Although primarily concerned with the endo-parasitic worms, it appeared desirable to add to the list such references as I met in my search, dealing with forms belonging to the Arachnida, etc., which have well-marked endoparasitic stages in their life-histories.

It has been my endeavour to make this list of species as complete as possible. With this purpose, I have examined all the Scientific and Agricultural Journals published in Australia, as well as other catalogues and records of papers published elsewhere as set forth in the appended list. Should, however, any genuine record of Australian Entozoa have been omitted, I shall be glad to have my attention called to it, so that it may be included in an appendix. It has not been possible for me to see a few of the papers referred to, as they are not available in Australia—but by far the larger number of references I have seen and checked. In many instances, especially in the Agricultural and weekly journals, there are vague references to “worms” in various animals, but without identification or even adequate description from which to identify their class. These, of course, have had to be ignored. Also, in a number of cases, well-known worms are described for the benefit of the public, but without any definite statement of their occurrence in that State or States. Some few of the less indefinite of these have been included here with an interrogation mark, but the majority of them bear no evidence of their definite occurrence in Australia. It may not be out of place to urge upon those whose professional work brings them into relation with these forms, that even if the form be a well-known one elsewhere, it is necessary that there should be a definite record of its occurrence in any particular region or State, with any features in which it may differ, in structure, habitat, host, etc., from the usual conditions. There is, further, no doubt that many records have been made on general grounds of naked-eye appearance, habitat, host, etc., instead of being based on a detailed scientific determination. Also, it is very desirable that the nomenclature of these forms should be as consistent as possible. The synonymy of these lower groups of Metazoa is in many cases most involved, and it is a matter of great difficulty for one who is not completely conversant with them to get at the true scientific name of very many, especially in the case of the Nematoda, a group which seems to be consistently shunned by the editors of such publications as Bronn’s “Thierreich,” etc.

## LIST OF PUBLICATIONS EXAMINED FOR RECORDS.

(Except where otherwise stated, all current periodicals were examined to date.)

Agassiz. "Catalogue of Books, etc., in Zoology, Geology, to 1848."

"Australasian," Melbourne (in part).

Australasian Association for Advancement of Science: Reports.

Australian Medical Gazette.

Australian Medical Journal.

British Medical Association, London: Journal (in part).

Field Naturalists' Club of Victoria; "Victorian Naturalist," Melbourne.

International Catalogue of Scientific Literature.

Intercolonial Medical Journal of Australasia.

Intercolonial Medical Congress of Australasia: Transactions.

"Leader," Melbourne: (in part).

Linnean Society of London, Zoology: Index to Journal of Proceedings, etc., 1838-1890.

Linnean Society of New South Wales: Proceedings.

New South Wales, Department of Mines and Agriculture:

Agricultural Gazette.

Agricultural Bulletins.

Miscellaneous Publications.

Philosophical Society of Adelaide: Transactions.

Philosophical Society of New South Wales: Proceedings and Transactions.

Philosophical Society of North Queensland: Proceedings.

Philosophical Society of Queensland: Transactions.

Philosophical Society of Victoria: Transactions.

Quarterly Journal of Microscopical Science: Index 1844 to 1888.

Queensland, Department of Agriculture:

Agricultural Journal.

Agricultural Bulletins.

Agricultural Reports.

Record of Zoological Literature, 1864 to date.

Royal Society of London: Catalogue of Scientific Papers, 1800-1863.

- Royal Society of New South Wales: Transactions and Journal and Proceedings.
- Royal Society of Queensland: Proceedings.
- Royal Society of South Australia: Transactions and Index.
- Royal Society of Tasmania: Papers and Proceedings.
- Royal Society of Van Diemen's Land (see Tasmania).
- Royal Society of Victoria: Transactions and Proceedings.
- South Australia, Department of Agriculture: Journal of Agriculture and Industry.
- Tasmania, Department of Agriculture: Agricultural Gazette, or Journal of the Council of Agriculture.
- Tasmanian Society: Journal of Natural Science, Agriculture, etc.
- Victoria, Department of Agriculture:  
Agricultural Journal.  
Agricultural Bulletins.
- Victorian Agricultural and Horticultural Gazette, Geelong.
- Victorian Institute for the Advancement of Science: Transactions.
- West Australia, Department of Agriculture: Agricultural Journal.
- Wombat, The: or Geelong Naturalist.
- Zoological Society of London: Proceedings. Index 1830 to 1870.

From this list it will be seen that I have endeavoured to cover the whole period up to date in European and American literature, and in more detail, the Australian publications, any records in which are not likely to be included in such volumes as the Zoological Record.

Species.	Host.	Locality.	Recorder.	Record.
Amphistomum conicum (Zed. et Rud.)	(See Paramphistomum)			
Amphistomum scleroporom, Crepl. 1844	<i>Reptilia</i> "Sea-tortoise"	Ralum, Bismarek Ar.	Braun	Centrbl. Bakter., xxv., 1899, (1) p. 725
Amphistomum, sp.	<i>Reptilia</i> Elseya dentata	Queensland	Kreff	Trans. Ento. Soc. N.S.W., ii., (2) 1871, p. 213
Bilharzia	(See Schistosomum)			
Distomum amphiorchis, Braun	<i>Reptilia</i> "Sea-tortoise"	Ralum, Bismarek Ar.	Braun	Centrbl. Bakter., xxv., 1899, (1) p. 719
Distomum anthos, Braun	"Sea-tortoise"	Ralum, Bismarek Ar.	Braun	Centrbl. Bakter., xxv., 1899, (1) p. 720.
Distomum contortum, Rud.	<i>Pisces</i> Orthogoriscus mola (gills)	Port Stephens N.S.W.	Macleay	Proc. Linn. Soc. N.S.W., i., (3) 1875-7, p. 12.
Distomum cymbiforme, Rud.	<i>Reptilia</i> "Sea-tortoise"	Ralum, Bismarek Ar.	Braun	Centrbl. Bakter., xxv., 1899, (1) p. 720.
Distomum gelatinosum, Rud. 1819	"Sea-tortoise"	Ralum, Bismarek Ar.	Braun	Centrbl. Bakter., xxv., 1899, (1) p. 716
Distomum hepaticum, L.	<i>Mammalia</i> Homo	South Aus.	Crawford	Aus. Med. Jour., ix., 1864, p. 29

Species.	Host.	Locality.	Recorder.	Record.
<i>Distomum hepaticum</i> , L.	- <i>Ovis aries</i> (liver)	Midland, Tas.	Harrop	Papers and Proc. Royal Soc. Tas., 1869, p. 12
<i>Distomum hepaticum</i> , L.	<i>Ovis aries</i> (liver)	N.S.W.	Perrie	Agri. Gaz. N.S.W., iii., 1892, (4) p. 822
<i>Distomum hepaticum</i> , L.	- <i>Ovis aries</i> (liver)	N.S.W.	—	Agri. Gaz. N.S.W., iv., 1894, p. 479
<i>Distomum hepaticum</i> , L.	- <i>Ovis aries</i> (liver)	N.S.W.	Stewart	Agri. Gaz. N.S.W., xi., 1900, p. 841
<i>Distomum hepaticum</i> , L.	- <i>Ovis aries</i> (liver)	Victoria	Brown	Agri. Jour. Vic., ii., 1904, p. 1001; iii., 1905, p. 41
<i>Distomum hepaticum</i> , L.	- <i>Ovis aries</i> (liver)	West Aus., from East. Aus.	Cleland	Jour. of Agri., W.A., xv., 1907, p. 88
<i>Distomum hepaticum</i> , L.	- Macropus major (bile ducts and liver)	N.S.W., Qld.	Kreffl	Trans. Ento. Soc. N.S.W., ii., (5) 1871, p. 212
<i>Distomum hepaticum</i> , L.	- Macropus major (bile ducts and liver)	Australia	Brenser	v. Cobbold's "Parasites of Animals," p. 431
<i>Distomum hepaticum</i> , L.	- "Kangaroo liver and bile ducts"	Australia	Rudolphi	Entozoorium Synopsis, 1819, p. 725
<i>Distomum hepaticum</i> , L. (?)	- "Kangaroo liver and bile ducts"	Australia	Bennett	Veterinarian, xlviii., 1875, p. 123
<i>Distomum hepaticum</i> , L. (?)	- <i>Ovis aries</i> (liver)	Australia	—	Veterinarian, xlv., 1872, p. 542
<i>Distomum irroratum</i> , Rud.	- "Sea-tortoise" <i>Reptilio</i>	Ralum, Bismarek Ar.	Braun	Centrbl. Bakter., xxv., 1899, (1) p. 717

Species.	Host.	Locality.	Recorder.	Record.
<i>Mammalia</i>				
<i>Distomum ornithorhynchi</i> , Johnston	Ornithorhynchus anatinus (stomach, duodenum and small intestine)	N.S.W.	Johnston	Proc. Linn. Soc. N.S.W., (ii.), xxvi., 1901, p. 334.
<i>Aves</i>				
<i>Distomum porrectum</i> . Braun	Saurophaga saurophaga	Ralum, Bismarck Ar.	Braun	Centrbl. Bakter., xxv., 1899, (1) p. 714
<i>Pisces</i>				
<i>Distomum pristiophori</i> , Johnston	Pristiophorus cirratus, Lath. (body cavity)	N.S.W.	Johnston	Proc. Linn. Soc. N.S.W., xxvii., 1902, p. 326
<i>Distomum sinense</i>	(See <i>Opisthorchis sinensis</i> )			
<i>Mammalia</i>				
<i>Distomum</i> , sp. (?)	Homo: (Ova in cysts)	Australia (?)	Ralph	Aus. Med. Jour., x., 1865, p. 156
<i>Distomum</i> , sp. (?)	Bos taurus: (encysted ovum in lung)	Kew, Vic.	Ralph	Aus. Med. Jour., x., 1865, p. 1
<i>Distomum</i> , sp. (?)	Ovis aries	Vic., N.S.W.	Dowling	Australasian, 1895, i., p. 442.
<i>Distomum</i> , sp. (?)	—	Victoria	Brown	Agri. Jour. Vic., v., 1907, p. 512. 640.
<i>Aves</i>				
<i>Distomum</i> , sp. (?)	Ardea pacifica	N.S.W., Q'ld.	Kreff	Trans. Ento. Soc. N.S.W., ii., 1871, p. 213
<i>Distomum</i> , sp. (?)	Herodias alba	N.S.W., Q'ld.	Kreff	Trans. Ento. Soc. N.S.W., ii., 1871, p. 213

Species.	Host.	Locality.	Recorder.	Record.
Distomum, sp. (f)	- Porphyrio melanotus	N.S.W., Q'ld.	Kreff	Trans. Ento. Soc. N.S.W., ii., (5) 1871, p. 213
Distomum, sp. (f)	- "Large percid fish"	N.S.W., Q'ld.	Kreff	Trans. Ento. Soc. N.S.W., ii., (5) 1871, p. 214
	<i>Intermediate hosts,</i>			
Distomum, sp. (f)	- in <i>Bulinus tenuistriatus</i>	Wimmera and S.&W. Vic.	Cherry	Proc. Roy. Soc. Vic., viii., 1895, p. 183
Distomum, sp. (f)	- <i>Bulinus pectorosis</i>	Victoria	Macpherson	Australasian, 1895, p. 154, and 1896 (Jan.)
Distomum, sp. (f)	- <i>Bulinus concinnus</i>	Heidelberg, V.	Fielder,	Vic. Nat. Vic., xii., 1895-6, p. 123
Distomum, sp. (f)	- <i>Planorbis</i> sp., <i>Ancylus</i> aus- tralicus	Heidelberg, V.	O'Neill and Cummins	Vic. Nat. Vic., xii., 1895-6, p. 139
Distomum, spp. (f)	- Also in <i>Ancylus tasmanicus</i> , <i>Segmentina victoriana</i> , <i>Planorbis gilberti</i> , <i>Bul-</i> <i>inus gibbosa</i> , var. <i>fusi-</i> <i>formis</i>	N.E. Vic.	Fielder	Vic. Nat. Vic., xii., 1895-6, p. 139
Distomum, spp. (f)	- <i>Bulinus texturata</i> , <i>Lim-</i> <i>naea essoni</i>	Ballarat, Vic.	Fielder	Vic. Nat. Vic., xii., 1895-6, p. 146.
Distomum, spp. (f)	- <i>Bulinus aliciae</i> , var. <i>tur-</i> <i>rita</i> ; <i>Potomopyrgus</i> , sp.	Warrn'mbool, Vic.	Fielder	Vic. Nat. Vic., xii., 1895-6, p. 146
Distomum, spp. (f)	- <i>Amphipeplea papyracea</i>	Port Fairy, V.	Fielder	Vic. Nat. Vic., xii., 1895-6, p. 146
Distomum, spp. (f)	- <i>Limnaea brazieri</i>			

Species.	Host.	Locality.	Recorder.	Record.	
Distomum, spp. (?)	-	Bulinus newcombi Limnaea brazieri	N.S.W.	Fielder	Vic. Nat. Vic., xiii, 1896-7, p. 24
Distomum, spp. (?)	-	Unio australis Bulinus brazieri	N.S.W.	Cobb	Agri. Gaz. N.S.W., viii., 1897, p. 453, etc.
		<i>Aves</i>			
Hemistomum intermedium, Johnston		Cygnus atratus, Lath. (duodenum)	Duckmuloi R., N.S.W.	Johnston	Proc. Linn. Soc. N.S.W., xxix., (6) 1904, p. 110
Hemistomum triangulare, Johnston		Dacelo gigas (duodenum and small intestine)	Jervis Bay, N.S.W.	Johnston	Proc. Linn. Soc. N.S.W., xxix., (6) 1904, p. 108
		<i>Mammalia</i>			
Holostomum alatum (Distomum alatum, Rud.)		Canis familiaris	N.S.W.	Macleay	Proc. Linn. Soc. N.S.W., x., 1885, p. 343
		<i>Aves</i>			
Holostomum hillii, Johnston		Larus novae-hollandiae (duodenum)	Jervis Bay, N.S.W.	Johnston	Proc. Linn. Soc. N.S.W., xxix., (6) 1904, p. 111
Holostomum musculosum, Johnston		Sterna bergii, Licht. (duodenum)	Broken Bay, N.S.W.	Johnston	Proc. Linn. Soc. N.S.W., xxix., (6) 1904, p. 112
Holostomum simplex, Johnston		Ardea novae-hollandiae, Lath. (intestine)	Broken Bay, N.S.W.	Johnston	Proc. Linn. Soc. N.S.W., xxix., (6) 1904, p. 112
		<i>Reptilia</i>			
Monostomum album, K. et Hass. 1822		"Sea-tortoise"	Ralum, Bismarek Ar.	Braun	Centrbl. Bakter., xxv., 1899, (1) p. 723
Monostomum reticulare, V. Ben. 1859		"Sea-tortoise"	Ralum, Bismarek Ar.	Braun	Centrbl. Bakter., xxv., 1899, (1) p. 725

Species.	Host.	Locality.	Recorder.	Record.
Monostomum rubrum, K. et Hass. 1892	"Sea-tortoise"	Ralum, Bis- marck Ar.	Braun	Centrl. Bakter., xxv, 1899, (1) p. 724
Monostomum trigonocephalum, (Rud. 1809)	"Sea-tortoise"	Ralum, Bis- marck Ar.	Braun	Centrl. Bakter., xxv, 1899, (1) p. 725
Opisthorchis sinensis (Cobb, 1875)	<i>Mammalia</i> Homo (from China)	Sydney, N.S.W.	Jamieson	Aus. Med. Gaz., xvi, 1897, p. 71
Opisthorchis sinensis (Cobb, 1875)	Homo (from China)	Sydney, N.S.W.	Corlette	Aus. Med. Gaz., xvi, 1897, p. 147
Opisthotrema pulmonale, Linstow	Halicore australis (lung)	Torres Sts.	Linstow	Centrl. Bakter., xxxvii, 1904, p. 678
Paramphistomum cervi (Zed., 1790)	Bos taurus (rumen)	Townsville, Q.	Cobb	Agri. Gaz. N.S.W., ii, 1891, (7) p. 614
Paramphistomum cervi (Zed., 1790)	Bos taurus (rumen)	N.S.W.	Perrie	Agri. Gaz. N.S.W., iii, 1892, (4) p. 822
Paramphistomum cervi (Zed., 1790)	Bos taurus (rumen)	Eastn. Aus.	Cleland	Jour. Agri. W.A., xv, 1907, p. 88, 91
Paramphistomum cervi (Zed., 1790) (?)	Ovis aries	N.S.W., Q'ld.	Kreff	Trans. Ento. Soc. N.S.W., ii, (5) 1871, p. 212
Paramphistomum cervi (Zed., 1790)	Bos taurus	Wangaratta, Vic.	Sweet	Proc. Roy. Soc. Vic., xxi (2), 1908, p. 505
Schistosomum (Bilharz)	haematobium Homo	Newcastle, N.S.W.	Newmarch	Aus. Med. Gaz. xxvi, 1907, p. 336
Schistosomum (Bilharz)	haematobium Homo (from South Africa)	Australia	Stacy	Aus. Med. Gaz., xxv, 1906, p. 397
Schistosomum (Bilharz)	haematobium	Australia (?)	Johnson	Trans. Inter. Med. Cong. Aus., 1905, p. 380

Species.	Host.	Locality.	Recorder.	Record.
<i>Schistosomum</i> , sp.	—	Australia	Johnson	Trans. Inter. Med. Cong. Aus., 1905, p. 380
?	" Wallaby, Hare, and Rabbit "	N.S.W.	Cobb	Agri. Gaz. N.S.W., xv., 1904, p. 659
?	<sup><i>Aves</i></sup> " Egg of Fowl "	Victoria	Spencer	Proc. Roy. Soc. Vic., i., 1888, p. 109
?	" 14 birds (gall bladder, etc.) "	Queensland	Bancroft	Proc. Roy. Soc. Qld., vi., 1889, p. 61
II.—CESTODES.				
<i>Mammalia</i>				
<i>Anoplocephala</i> Mehlis	mammillana, Equus caballus (sm. intes.)	N.S.W.	Cobb	Agri. Gaz. N.S.W., xvi., 1905, p. 630
<i>Anoplocephala</i> perfoliata (Goeze)	Equus caballus (sm. intes.)	N.S.W.	Perrie	Agri. Gaz. N.S.W., iii., 1892, p. 821
<i>Anoplocephala</i> perfoliata (Goeze)	Equus caballus (caecum and colon)	N.S.W.	Cobb	Agri. Gaz. N.S.W., xvi., 1905, p. 631.
<i>Anoplocephala</i> perfoliata (Goeze)	Equus caballus (intestine)	Victoria (?)	Brown	Agri. Jour. Vic., i., 1902, p. 698
<i>Anoplocephala</i> perfoliata (Goeze)	Equus caballus (intestine)	South Aus.	Desmond	Jour. Agri. and Ind. S.A., ix., 1905-6, p. 248, 252
<i>Anoplocephala</i> perfoliata (Goeze)	Equus caballus (intestine)	Victoria	Sweet	Proc. Roy. Soc. Vic., xxi. (2), 1908, p. 505
<i>Anoplocephala</i> plicata (Rud)	Equus caballus (sm. intes.)	S.E. S. Aus.	Desmond	Jour. Agri. and Ind. S.A., ix., 1905-6, p. 249-252
<i>Anoplocephala</i> plicata (Rud) (?)	Equus caballus (sm. intes.)	N.S.W.	Cobb	Agri. Gaz. N.S.W., xvi., 1905, p. 628

Anoplocephala, sp. (?)	-	Equus caballus (sm. intes.)	N.S.W.	Cobb	Agri. Gaz. N.S.W., xvi., 1905, p. 629
Aporina alba, Führmann	-	<i>Ares</i> Ptilorchis alberti	Australia	Führmann	Zool. Anz. xxv., 1901, p. 357
Amphiptyches	-	(See Gyrocotyle)			
Bertia edulis, Zsch.	-	<i>Mammalia</i> Phalanger ursinus (intes.)	Celebes and North Aus.	Zschokke	Zeitschrift Wissen. Zool., lxxv., 1898-9, p. 404, 440
Bertia obesa, Zsch.	-	Phascalarctos cinereus	N.E. Aus.	Zschokke	Zool. Anz., xxi., 1898, p. 477 (8) Zeit. Wissen. Zool., lxxv., 1898-9, p. 404.
Bertia rigida, Janicki.	-	Phalangista, sp.	New Guinea	Janicki	Zool. Anz., xxi., 1898, p. 481 (8) Denk. Ges. Jena, viii.; Semon, v., 1898, p. 368 Zeit. Wissen. Zool., lxxxii., 1906, p. 528
Bertia sarasinorum, Zsch.	-	Phalanger ursinus	Celebes and North Aus.	Zschokke	Zool. Anz., xxix., 1906, p. 127 Zeit. Wissen. Zool., lxxv., 1898-9, p. 404, 440
Biuterina paradisea, Fuhrmann	-	<i>Ares</i> Paradisea raggiana	New Guinea	Führmann	Zool. Anz. xxi., 1898, p. 477 Zool. Anz., xxv., 1901, p. 357
Bothridium arcuatum, Baird (?)	-	<i>Icephalia</i> Morelia spilotes (intestine)	N.S.W.	Kreff	Trans. Ento. Soc. N.S.W., ii., (5) 1871, p. 214
Bothridium arcuatum, Baird	-	Morelia spilotes (intestine)	N.S.W.	Baird	Proc. Zool. Soc. Lond., 1865, p. 68

Species.	Host.	Locality.	Recorder.	Record.
<i>Bothriocephalus antarcticus</i> , Baird	" Stomach and Intestine of a Southern Seal "	Australia (?)	Baird	Proc. Zool. Soc. Lond., xxi., 1853, p. 25
<i>Bothriocephalus decipiens</i>	" Australian cat "	Australia N.S.W.	Cobbold	"Parasites of Animals," p. 308 (9)
<i>Bothriocephalus mansonii</i> , Cobbold	Homo	Australia	Spencer	Trans. Inter. Med. Cong. Aus., 1892, p. 433
<i>Bothriocephalus mansonii</i> , Cobbold (larvæ)	Homo	Australia	Hill	Trans. Inter. Med. Cong. Aus., 1905, p. 367-8
<i>Bothriocephalus</i> (?) <i>marginatus</i> , Krefft.	<i>Halmaturus</i> , sp.	Queensland	Krefft	Trans. Ento. Soc. N.S.W., ii., (2) 1871, p. 227
<i>Bothriocephalus microcephalus</i> , Rud.	<i>Pisces</i> <i>Orthogoriscus mola</i> (intestine)	PortStephens N.S.W.	Macleay	Proc. Linn. Soc. N.S.W., i., (3) 1875-7, p. 12
<i>Cittotaenia zschokkei</i> , Janicki	<i>Mammalia</i> <i>Macropus</i> , sp.	New Guinea	Janicki	Zeit. Wissen. Zool., lxxxi., 1906, p. 528
<i>Dibothriocephalus felis</i> , Creplin (1)	<i>Felis domestica</i> (sm. intes.)	Sydney	Cobb	Zool. Anz., xxix., 1906, p. 128 Inter. Cat. Sc. Lit., vi., 1906, Verm., p. 29
<i>Dibothriocephalus parvus</i>	" Syrian man "	Launceston, Tas.	Stephens	Agri. Gaz. N.S.W., xvi., 1905, p. 210 Annals of Trop. Med. and Parasitology, Feb., 1908
<i>Dipylidium caninum</i> (L.)	<i>Canis familiaris</i> (intestine)	N.S.W.	Cobb	Agri. Gaz. N.S.W., xvi., 1905, p. 312
<i>Dipylidium ellipticum</i> , Butsch.	<i>Felis domestica</i> (sm. intes.)	N.S.W.	Cobb	Agri. Gaz. N.S.W., xvi., 1905, p. 210



Species.	Host.	Locality.	Recorder.	Record.
Moniezia festiva (Rud.)	- Macropus giganteus (gall bladder and hepatic ducts) and Halmaturus derbyanus	Australia	Cobbold	"Parasites of Animals," p. 432 (9)
Moniezia festiva (Rud.)	- Halmaturus giganteus (intestine)	Australia	Rudolphi	Entozoorium Synopsis, 1819, p. 146
Moniezia festiva (Rud.)	- Macropus giganteus	Australia	Kreff	Trans. Ento. Soc. N.S.W., ii., 1871, p. 210
Monocercus didymogastri, Hill	<i>Oligochaeta</i> Didymogaster sylvatica, Fletcher (cyst.)	N.S.W.	Hill	Proc. Linn. Soc. N.S.W. (2), ix., 1894, p. 70
Paronia carrinoi, Diamare	<i>Ares</i> Lorius erythrothorax and Cyclopsittacus sudvisimus	New Guinea	Diamare	Centrbl. Bakter., xxviii., 1900, p. 846
Phyllobothrium vagans, Haswell	<i>Pisces</i> Heterodontus philippii	N.S.W.	Haswell	Quart. Jour. Micr. Sci., xlvi., 1902, p. 399
Piestocystis hoplocephali, Hill	<i>Reptilia</i> Hoplocephalus superbus (cyst in peritoneum around intestine)	N.S.W.	Hill	Proc. Linn. Soc. N.S.W. (2), ix., 1894, p. 49
Piestocystis lialis, Hill	- Lialis burtonii, Gray (cyst)	N.S.W.	Hill	Proc. Linn. Soc. N.S.W. (2), ix., 1894, p. 61

Species.	Host.	Locality.	Recorder	Record.
	<i>Oligochaeta</i>			
Polycercus, sp.	- Didymogaster sylvatica, Fletcher (cyst) <i>Pisces</i>	N.S.W.	Haswell and Hill	Proc. Linn. Soc. N.S.W. (2), viii., 1893, p. 365
Synbothrium, sp.	- Sciaena aquila (cyst in peritoneum) <i>Aves</i>	N.S.W.	Hill	Proc. Linn. Soc. N.S.W. (2), ix., 1894, p. 75
Taenia australis, Krabbe	- Dromaeus novae-hollandiae (stomach)	Australia (?)	Krabbe	Vidensk. Selsk., Skr., 5; Raekke, Natur. vg Math., Afd. 8, Bd. vi., Kjoben- havn, 1869, p. 345 (v. Zool. Record, 1869, p. 635) Trans. Ento. Soc. N.S.W., ii., 1871, p. 212, 224
Taenia bairdii, Krefft	- Anas superciliosa	N.S.W., Q'ld.	Krefft	
Taenia bipapillosa	<i>Mammalia</i> - Phascolumys, sp.	Zool. Gard., Lond.	Leidy	Proc. Ac. Nat. Sc. Phil., xxvii., 1875, p. 14 Cobbold "Parasites of Ani- mals," p. 432
Taenia chlamydera, Krefft	<i>Aves</i> - Chlamydera maculata	N.S.W.	Krefft	Trans. Ento. Soc. N.S.W., ii., 1871, p. 212, 224
Taenia coenurus	<i>Mammalia</i> - Canis familiaris	S.E. S. Aus.	Feuerbeerd	Jour. of Agri. and Ind. S. Aus., i., 1898, p. 834
Taenia coenurus	- Canis familiaris	Victoria	Brown	Agri. Jour. Vic., i., 1902, p. 614
Coenurus cerebrealis	- Ovis aries	Victoria	Brown	Agri. Jour. Vic., i., 1902, p. 614

Species.	Host.	Locality.	Recorder.	Record.
<i>Coenurus cerebralis</i>	- Ovis aries	Australia	Kendall	Aust. Vet. and Live Stock Jour., i., 1890, p. 193
<i>Coenurus cerebralis</i> (?)	- Ovis aries	South Aus.	Dixon	Trans. Roy. Soc. S. Aus., vi., 1882-3, p. 178
<i>Taenia coronata</i> , Kreffl	<i>Aves</i> - <i>Himantopus leucocephalus</i>	N.S.W., Q'ld.	Kreffl	Trans. Ento. Soc. N.S.W., ii., (5) 1871, p. 213, 220
<i>Taenia crassicollis</i>	<i>Mammalia</i> - <i>Felis domesticus</i> (intestine)	Victoria (?)	Brown	Agri. Jour. Vic., i., 1902, p. 698
<i>Taenia crassicollis</i>	- <i>Felis domesticus</i> (intestine)	Sydney	Cobb	Agri. Gaz. N.S.W., xvi., 1905, p. 210
<i>Taenia crassicollis</i>	- <i>Felis domesticus</i> (intestine)	N.S.W.	Perrie	Agri. Gaz. N.S.W., iii., 1892, p. 821
<i>Cysticereus fasciolaris</i>	- <i>Mus decumanus</i> (?)	Australia	Kreffl	Trans. Ento. Soc. N.S.W., ii., 1871, p. 206
<i>Cysticereus fasciolaris</i>	- <i>Mus musculus</i> and <i>Mus decumanus</i> (?) (liver)	N.S.W.	Perrie	Agri. Gaz. N.S.W., iii., 1892, p. 821
<i>Taenia cucumerina</i>	- <i>Canis familiaris</i>	N.S.W.	Perrie	Agri. Gaz. N.S.W., iii., 1892, p. 821
<i>Taenia cucumerina</i>	- <i>Canis familiaris</i>	Victoria (?)	Brown	Jour. Agri. Vic., i., 1902, p. 614
<i>Taenia cylindrica</i> Kreffl.	<i>Aves</i> - <i>Anas superciliosa</i>	N.S.W.	Kreffl	Trans. Ento. Soc. N.S.W., ii., (5) 1871, p. 212, 220
<i>Taenia denticulata</i>	<i>Mammalia</i> - <i>Bos taurus</i>	West Aus.	Cleland	Jour. Agri. W.A., xv., 1907, p. 88

<i>Taenia echinococcus</i> , von Sieb. - <i>Canis familiaris</i>	South Aus.	Davies-Thomas	Trans. Roy. Soc. S. Aus., v., 1881-2, p. 120
<i>Taenia echinococcus</i> , von Sieb. - (?)	Australia	von Lendenfeld	Zool. J.B., ii., p. 409-410
<i>Taenia echinococcus</i> , von Sieb. - <i>Canis familiaris</i>	N.S.W.	Cobb	Agri. Gaz. N.S.W., xvi., 1905, p. 619
<i>Taenia echinococcus</i> , von Sieb. - <i>Canis familiaris</i>	South Aus.	Thomas	Agri. Gaz. N.S.W., xvi., 1905, p. 624
<i>Echinococcus polymorphus</i> - <i>Homo</i> (liver)	Australia	Motherwell	Aus. Med. Jour., vii., 1862, p. 40
<i>Echinococcus polymorphus</i> - <i>Homo</i> (liver)	Australia	Robertson	Aus. Med. Jour., vii., 1862, p. 48
<i>Echinococcus polymorphus</i> - <i>Homo</i> (uterus)	Australia	Richardson	Aus. Med. Jour., vii., 1862, p. 9
<i>Echinococcus polymorphus</i> - <i>Homo</i> (uterus)	Australia	Tracy	Aus. Med. Jour., vii., 1862, p. 58
<i>Echinococcus polymorphus</i> - <i>Homo</i> (cheek)	Australia	Gilbee	Aus. Med. Jour., vii., 1862, p. 273
<i>Echinococcus polymorphus</i> - <i>Homo</i> (kidney)	Australia	Cooper	Aus. Med. Jour., viii., 1863, p. 122
<i>Echinococcus polymorphus</i> - <i>Homo</i> (lung)	Australia	Dunn	Aus. Med. Jour., viii., 1863, p. 23
<i>Echinococcus polymorphus</i> - <i>Homo</i> (lung)	Victoria	Dowling	Aus. Med. Jour., ix., 1864, p. 105
<i>Echinococcus polymorphus</i> - <i>Homo</i> (brain)	N.S.W.	—	Aus. Med. Jour., ix., 1864, p. 316
<i>Echinococcus polymorphus</i> - <i>Homo</i> (thigh)	N.S.W.	—	Aus. Med. Jour., ix., 1864, p. 46

Echinococcus polymorphus	- Homo (brain)	Australia	Atkinson	Aus. Med. Jour., xii., 1867, p. 290
Echinococcus polymorphus	- Homo	South Aus.	Davies-Thomas	Trans. Roy. Soc. S. Aus., iv., 1880-1, p. 161
Echinococcus polymorphus	- Homo	South Aus.	Davies-Thomas	Trans. Roy. Soc. S. Aus., vi., 1883, p. 11, 22
Echinococcus polymorphus	- Homo	Victoria	Davies-Thomas	Trans. Roy. Soc. S. Aus., vi., 1883, p. 9
Echinococcus polymorphus	- Homo	Tasmania	Davies-Thomas	Trans. Roy. Soc. S. Aus., vi., 1883, p. 13
Echinococcus polymorphus	- Homo	Queensland	Davies-Thomas	Trans. Roy. Soc. S. Aus., vi., 1883, p. 12
Echinococcus polymorphus	- Homo	N.S.W.	Davies-Thomas	Trans. Roy. Soc. S. Aus., vi., 1883, p. 14
Echinococcus polymorphus	- Homo (brain)	Australia	Hawkins	Aus. Med. Gaz., 1882, p. 1
Echinococcus polymorphus	- Homo (brain)	Australia	Vercò	Trans. Inter. Med. Cong. Aus., 1887, p. 81
Echinococcus polymorphus	- Homo (brain)	Australia	Davies-Thomas	Trans. Inter. Med. Cong. Aus., 1887, p. 61
Echinococcus polymorphus	- Homo (brain)	Australia	Davies-Thomas	Trans. Inter. Med. Cong. Aus., 1889, p. 329
Echinococcus polymorphus	- Homo (brain)	Australia	Davies-Thomas	Trans. Inter. Med. Cong. Aus., 1892, p. 378
Echinococcus polymorphus	- Homo	Australia	Wills	Agri. Jour. Qld. ii., 1898, p. 490
Echinococcus polymorphus	- Homo	Australia	Johnson	Trans. Inter. Med. Cong. Aus., 1905, p. 380 <sup>1</sup>

<sup>1</sup> Numerous other similar references are to be found in succeeding years of the Medical Journals.

Species.	Host.	Locality.	Recorder.	Record.
Echinococcus polymorphus	- Homo: "and lower animals"	Victoria	Brown	Agri. Jour. Vic., i, 1902, p. 405
Echinococcus polymorphus	- Ovis aries (liver and lungs)	N.S.W.	Mackellar	Proc. Linn. Soc. N.S.W., viii., 1883, p. 280
Echinococcus polymorphus	- Ovis aries (lung)	N.S.W.	Perrie	Agri. Gaz. N.S.W., iii., 1892, p. 821
Echinococcus polymorphus	- Canis familiaris (lung)	N.S.W.	Perrie	Jour. Agri. W.A., xv, 1907, p. 87
	- Ovis aries	West Aus.	Cleland	
	- Bos taurus		Clutterbuck	Jour. Agri. W.A., xv, 1907, p. 236
	- Sus scrofa		Sweet	Proc. Roy. Soc. Vic., xxi. (?), 1908, p. 506
Echinococcus polymorphus	- Oryctolagus cuniculus and Equus caballus	Victoria		
Echinococcus polymorphus	- Macropus major (thorax)	Cologne(Zoo)	Pagenstecker	Vehr. Ver. Heidelb., v, 1870, p. 181-6
		(?) infected in Aus. or Cologne		Ann. N.H. (4), viii., p. 295
Echinococcus polymorphus	- Halmaturus dorsalis (lungs)	Deception Bay, Q'ld.	Bancroft	Proc. Roy. Soc. Qld., vii., 1890, p. 31
Echinococcus polymorphus	- Halmaturus dorsalis (lungs)	Q. or N.S.W.	Cobb	Agri. Gaz. N.S.W., xvi., 1905, p. 624
Taenia elliptica	- Felis domestica	N.S.W.	Perrie	Agri. Gaz., iii., 1892, p. 821
Taenia expansa	- Ovis aries (intestine)	Trafalgar R., N.S.W.	Cobbold	"Parasites of Animals," p. 346-7
Taenia expansa	- Ovis aries (intestine)	Victoria	Kendall	Aust. Vet. and Live Stock Jour., i, 1890, p. 193
Taenia expansa	- Ovis aries (intestine)	N.S.W.	Bruce	Agri. Gaz. N.S.W., iii., 1892, p. 308

Species.	Host.	Locality.	Recorder.	Record.
<i>Taenia expansa</i>	- Ovis aries (intestine)	N.S.W.	Perrie	Agri. Gaz. N.S.W., iii., 1892, p. 821
<i>Taenia expansa</i>	- Ovis aries (intestine)	N.S.W.	Stewart	Agri. Gaz. N.S.W., xi., 1900, p. 837
<i>Taenia expansa</i>	- Ovis aries (intestine)	Victoria	Brown	Agri. Jour. Vic., i., 1902, p. 522
<i>Taenia expansa</i>	- Ovis aries (intestine)	Lefroy, Tas.	Willmot	Agri. Gaz. Tas., ix., 1902, p. 222
<i>Taenia expansa</i>	- Ovis aries (intestine)	Swan Bay, Tas.	Willmot	Agri. Gaz. Tas., xii., 1904, p. 64
<i>Taenia fimbriata</i> , Kreff	- Halmaurus (?), sp.	Queensland	Kreff	Trans. Ento. Soc. N.S.W., ii., 1871, p. 212, 218
<i>Taenia flavescens</i> , Kreff	- <i>Aves</i> - Anas superciliosa Spatula rhynchotis	Q. or N.S.W.	Kreff	Trans. Ento. Soc. N.S.W., ii., 1871, p. 212
<i>Taenia forsteri</i> , Kreff	- (see <i>Tetraothrius forsteri</i> )			
<i>Taenia geophiloides</i> , Cobbold	- <i>Mammalia</i> Phascolarectos cinereus	Australia prob. Aus.	Cobbold	"Parasites of Animals," p. 432 (9)
<i>Taenia goezii</i>	- —		Baird	Proc. Zool. Soc. Lond., xxi., 1853, p. 24
<i>Taenia goezii</i>	- <i>Aves</i> Gallus domesticus (intestine)	prob. Aus.	Kreff	Trans. Ento. Soc. N.S.W., ii., 1871, p. 206
<i>Taenia infundibuliformis</i>	- Gallus domesticus (intestine)	Victoria (?)	Brown	Agri. Jour. Vic., i., 1902, p. 698

Species.	Host.	Locality.	Recorder.	Record.
	<i>Mammalia</i>			
<i>Taenia lata</i>	- Ovis aries	N.S.W.	Bruce	Report Austr. Stock Confce., Vic., 1890, p. 84
<i>Taenia malleus</i>	- —	Australia	Kreffl	Trans. Ento. Soc. N.S.W., ii., 1871, p. 206
<i>Taenia marginata</i>	- Canis familiaris (stomach)	N.S.W.	Petrie	Agri. Gaz. N.S.W., iii., 1892, p. 821
<i>Taenia marginata</i>	- Canis familiaris (sm. intes.)	N.S.W.	Cobb	Agri. Gaz. N.S.W., xvi., 1905, p. 316
<i>Taenia marginata</i>	- Canis familiaris	Victoria	Brown	Agri. Jour. Vic., i., 1902, p. 614
<i>Cysticercus tenuicollis</i>	- Bos taurus, Ovis aries, Sus scrofa (liver, etc.)	N.S.W.	Petrie	Agri. Gaz. N.S.W., iii., 1892, p. 821
<i>Cysticercus tenuicollis</i>	- Ovis aries (liver, lungs and heart)	West Aus.	Clutterbuck	Jour. Agri. W.A., xv., 1907, p. 204, 236.
<i>Cysticercus tenuicollis</i>	- Ovis aries, Sus scrofa (liver, lungs and heart)	West Aus.	Cleland	Jour. Agri. W.A., xv., 1907, p. 87
<i>Taenia mastersii</i> , Krefft	- Halmaturus (?), sp.	Queensland	Kreffl	Trans. Ento. Soc. N.S.W., ii., (2) 1871, p. 212, 221
<i>Taenia medicanellata</i>	- Homo	Adelaide	Johnson	Trans. Inter. Med. Congress Aus., 1905, p. 380
<i>Taenia moschata</i> , Krefft	- <i>Ares</i> Biziura lobata	N.S.W.	Kreffl	Trans. Ento. Soc. N.S.W., ii., (5) 1871, p. 213, 223
<i>Taenia mychocephala</i> , Rätz	- <i>Repbilia</i> Varanus, sp.	New Guinea	Rätz	C.R. Soc. Biol., lii.

Species.	Host.	Locality.	Recorder.	Record.
<i>Taenia novae-hollandiae</i> , Kreff	- <i>Podiceps australis</i>	N.S.W., Q'ld.	Kreff	Trans. Ento. Soc. N.S.W., ii., (5) 1871, p. 213, 216
<i>Taenia ovilla</i> , Rivolta	- <i>Ovis aries</i>	West Aus.	Cleland	Jour. Agri. W.A., xv., 1907, p. 88
<i>Taenia ovilla</i> , Rivolta (?)	- <i>Ovis aries</i>	Goulburn, N.S.W.	Cobb	Agri. Gaz. N.S.W., xiii., 1902, p. 796.
<i>Taenia paradoxa</i> , Kreff	- <i>Podiceps australis</i>	N.S.W., Q'ld.	Kreff	Trans. Ento. Soc. N.S.W., ii., (5) 1871, p. 213, 217
<i>Taenia pediformis</i> , Kreff	- <i>Anas superciliosa</i>	N.S.W., Q'ld.	Kreff	Trans. Ento. Soc. N.S.W., ii., (5) 1871, p. 213, 222
<i>Taenia phalangista</i> , Kreff	- <i>Phalangista vulpina</i> (alim. canal)	N.S.W., Q'ld.	Kreff	Trans. Ento. Soc. N.S.W., ii., (5) 1871, p. 213, 222
<i>Taenia phoptica</i> , Cobbold	- <i>Echidna hystrix</i>	Australia	Cobbold	"Parasites of Animals," p. 433 (9)
<i>Taenia proglottina</i>	- <i>Gallus domesticus</i> (intes.)	Victoria (?)	Brown	Agri. Jour. Vic., i., 1902, p. 698
<i>Taenia rugosa</i> , Kreff	- <i>Himantopus leucocephalus</i>	N.S.W.	Kreff	Trans. Ento. Soc. N.S.W., ii., (5) A 1871, p. 213, 223
<i>Taenia serialis</i> , Baillet (?)	- <i>Canis familiaris</i>	N.S.W.	Cobb	Agri. Gaz. N.S.W., xvi., 1905, p. 318
<i>Coenurus serialis</i> Baillet (?)	- <i>Oryctolagus cuniculus</i>	Victoria (?)	Sweet	Proc. Roy. Soc. Vic., xxi. (2), 1908, p. 507



Species.	Host.	Locality.	Recorder.	Record.
<i>Cysticereus</i> , spp.	<i>Aves</i> - Gallus domesticus	N.S.W.	Perrie	Agri. Gaz. N.S.W., iii., 1892, p. 821
<i>Cysticereus</i> , spp.	<i>Pisces</i> - Orthogoriscus mola (intes.)	Port Stephens N.S.W.	Macleay	Proc. Linn. Soc. N.S.W., i., (3) 1875-7, p. 12
<i>Tetrabothrius forsteri</i> (Kreffl)	<i>Mammalia</i> - Delphinus forsteri	Port Jackson N.S.W.	Führmann	Centrl. Bakter xxxv., 1904, p. 745
<i>Tetrabothrius triangulare</i>	- —	Port Jackson N.S.W.	Führmann	Centrl. Bakter., xxxv., 1904, p. 745
<i>Tetrabothrius reptans</i> (Rud.)	<i>Pisces</i> - Orthogoriscus mola (muscles and viscera)	Port Stephens N.S.W.	Macleay	Proc. Linn. Soc. N.S.W., i., (3) 1875, p. 12
<i>Triplotaenia mirabilis</i> , Boas	<i>Mammalia</i> - Petrogale penicillata (?) (alim. canal)	Australia	Janicki	Zeit. Wissen. Zool., lxxxi., 1906, p. 520
<i>Triplotaenia mirabilis</i> , Boas	- Petrogale penicillata (?) (alim. canal)	Australia	Boas	Zool. Ang. xxvii., 1903-4, p. 243
?	- Felis domestica	N.S.W.	Perrie	Zool. Jahrb. Syst., xvii., p. 329
?	<i>Aves</i> - Gallus domesticus	N.S.W.	Perrie	Agri. Gaz. N.S.W., iii., 1892, p. 821
?	- Nycticorax caledonicus	Victoria (?)	Nicholls	Agri. Gaz. N.S.W., iii., 1892, p. 821 Vic. Nat. Vic., xxi., 1904-5, p. 147

Species.	Host.	Locality.	Recorder.	Record.
?	"Muscles, Peritoneal Cavity, etc., in 14 Birds"	Queensland	Bancroft	Proc. Roy. Soc. Qland, vi., 1889, p. 61
?	<i>Reptalia</i> Hoplocephalus curtus (intes.)	Victoria (?)	Kitson	Vic. Nat. Vic., xxi., 1904-5, p. 147
?	<i>Amphibia</i> Hyla aurea (subcutaneous lymph spaces)	N.S.W.	Haswell	Proc. Linn. Soc. N.S.W. (ii.), v., 1890, p. 661
III.—NEMATODES.				
Amblyonema Linstow	<i>Pisces</i> Ceratodus forsteri, (alim. canal) (see Uncinaria)	N.E. Aus.	von Linstow	Denk. Ges. Jena, viii., 1898; (8) Semon, v., p. 470
Ancyracanthus Linstow	<i>Ares</i> Carpophaga brenchleyi (Gray), (eye cavity)	Ralum, Bismark Arc.	von Linstow	Arch. Naturg., lxi., 1897, p. 286
Ascaris australis, v. Linstow	Baza bismarcki, Sharpe Ninox odiosa, Sil. (al. canal)	Ralum, Bismark Arc.	von Linstow	Arch. Naturg., lxi., 1897, p. 282
Ascaris canis, Werner	<i>Mammalia</i> Felis domestica	N. S.W. or Q <sup>ld</sup>	Kreff	Trans. Ento. Soc. N.S.W., ii., 1871, p. 212
Ascaris canis, Werner	Felis domestica	N.S.W.	Perrie	Agri. Gaz. N.S.W., iii., 1892, p. 821
Ascaris canis, Werner	Felis domestica (intestine)	N.S.W.	Cobb	Agri. Gaz. N.S.W., xvi., 1905, p. 216

Species.	Host.	Locality.	Recorder.	Record.
<i>Ascaris canis</i> , Werner	- <i>Canis familiaris</i>	Victoria (?)	Sweet	Proc. Roy. Soc. Vic., xxi. (2), 1908, p. 515
<i>Ascaris eperlani</i> (?)	- <i>Felis domestica</i>	N.E. Aus.	von Linstow	Denk. Ges. Jena. viii., 1898; (8)
<i>Ascaris lumbricoides</i>	- <i>Dasyypus hallucatus</i>	N.S.W.	Perrie	Simon, v., p. 471 Agri. Gaz. N.S.W., iii., 1892, (4)
<i>Ascaris lumbricoides</i>	- <i>Sus scrofa</i>	West Aus	Cleland	p. 821 Jour. Agri. W.A., xv., 1907, p. 88
<i>Ascaris lumbricoides</i>	- <i>Homo</i>	Victoria	Sweet	Proc. Roy. Soc. Vic., 1909, p.
<i>Ascaris marginata</i>	- <i>Canis familiaris</i> (stomach)	N.S.W.	Perrie	Agri. Gaz. N.S.W., iii., 1892 (4)
<i>Ascaris marina</i> (immature)	- <i>Thyrsites atuu</i> (peritoneum)	Victoria	Cobb	p. 821 Agri. Gaz. N.S.W., xvi., 1905,
<i>Ascaris megaloccephala</i> , Cloquet	- <i>Mammalia</i>	S.E. S. Aus.	Desmond	p. 316 Proc. Roy. Soc. Vic., xxi. (2), 1908, p. 516
<i>Ascaris megaloccephala</i> , Cloquet	- <i>Equus caballus</i> (stomach, duodenum, caecum)	Victoria (?)	Brown	Jour. Agri. and Ind. S.A., vii., 1903-4, p. 570; ix., 1905-6, p. 252
<i>Ascaris megaloccephala</i> , Cloquet	- <i>Equus caballus</i> (sm. intes.)	Ratum, Bismarck Ar.	von Linstow	Australasian, 1897, ii., p. 224 Arch. Naturg., lxiii., 1897, p. (1) C
<i>Ascaris megaloccephala</i> , Cloquet	- <i>Equus caballus</i>	N.S.W.	Perrie	282 Agri. Gaz. N.S.W., iii., 1892,
<i>Ascaris megaloccephala</i> , Cloquet	- <i>Equus caballus</i>	Victoria	Sweet	p. 821 Proc. Roy. Soc. Vic., xxi. (2), 1908, p. 514
<i>Ascaris mystax</i>	- (see <i>Ascaris Canis</i> )			

Species.	Locality.	Recorder.	Record.
<i>Ascaris papillifera</i> , v. Linstow	Ralum, Bismarek Ar.	von Linstow	Arch. Naturg., lxi., 1897, p. 281
	<i>Reptilia</i>		
- "Alim. canal of snake"	Antarctic Seas	Baird	Proc. Zool. Soc. Lond., xxi., 1853, p. 18-25
	<i>Mammalia</i>		
- "Stomach of a Seal"		Kreff	Trans. Ento. Soc. N.S.W., ii., 1871, p. 211
<i>Ascaris suilla</i>	(see <i>Ascaris lumbricoides</i> )		
<i>Ascaris</i> , sp.	Delphinus forsteri	Kreff	Trans. Ento. Soc. N.S.W., ii., 1871, p. 212
<i>Ascaris</i> , sp.	Ovis aries	Kreff	Trans. Ento. Soc. N.S.W., ii., 1871, p. 212
<i>Ascaris</i> , sp.	Perameles nasuta	Kreff	Trans. Ento. Soc. N.S.W., ii., 1871, p. 212
	<i>Aves</i>		
<i>Ascaris</i> (?), sp.	Nycticorax caledonicus, Gmelin	von Linstow	Arch. Naturg., lxi., 1897, p. 282
<i>Ascaris</i> , sp.	Gallus domesticus	Perrie	Agri. Gaz. N.S.W., iii., 1892, p. 821
<i>Ascaris</i> , sp.	Plotus novae-hollandiae	Kreff	Trans. Ento. Soc. N.S.W., ii., 1871, p. 213
<i>Ascaris</i> , sp.	Anthochoera carunculata	Kreff	Trans. Ento. Soc. N.S.W., ii., 1871, p. 213
<i>Ascaris</i> , sp.	Columba livia	Kreff	Trans. Ento. Soc. N.S.W., ii., 1871, p. 212
	<i>Reptilia</i>		
<i>Ascaris</i> , sp.	Elseya dentata	Kreff	Trans. Ento. Soc. N.S.W., ii., 1871, p. 213

Species.	Host.	Locality.	Recorder.	Record.
<i>Ascaris</i> , sp.	<i>Himulia</i> whitei	N.S.W.	Krefft	Trans. Ento. Soc. N.S.W., ii., (5) 1871, p. 214
<i>Ascaris</i> , sp.	- <i>Phyllurus</i> milinsii	N.S.W.	Krefft	Trans. Ento. Soc. N.S.W., ii., (5) 1871, p. 214
<i>Ascaris</i> , sp.	- <i>Morelia</i> spilotes <i>Morelia</i> variegata	N.S.W.	Krefft	Trans. Ento. Soc. N.S.W., ii., (5) 1871, p. 214
<i>Ascaris</i> , sp.	- <i>Pisces</i> <i>Ceratodus</i> forsteri	Queensland	Krefft	Trans. Ento. Soc. N.S.W., ii., (2) 1871, p. 214
<i>Cloacina</i> dahli, v. Lunstow	- <i>Mammalia</i> <i>Macropus</i> browni, Rams. (Oes., stom., and large intestine)	Ralum, Bis- mark Ar.	von Lunstow	Arch. Naturg., lxiii., 1897, p. (1) 286
<i>Cylichnostomum</i> calicatum	- <i>Equus</i> caballus	Horsham, V.	Sweet	Proc. Roy. Soc. Vic., xxi. (2), 1908, p. 513
<i>Cylichnostomum</i> poculatum	- <i>Equus</i> caballus	Horsham, V.	Sweet	Proc. Roy. Soc. Vic., xxi. (2), 1908, p. 511
<i>Cylichnostomum</i> tetracanthum	- <i>Equus</i> caballus	N.S.W.	Perrie	Agri. Gaz. N.S.W., iii., 1892, p. 821
<i>Cylichnostomum</i> , spp.	- <i>Equus</i> caballus	Horsham, V.	Sweet	Proc. Roy. Soc. Vic., xxi. (2), 1908, p. 511, 512
<i>Poelmus</i> hypostomus	- <i>Equus</i> caballus (tumours in stomach)	Port Pirie, Hawker, York's Pt., S. Aus.	Desmond	Jour. Agri. and Ind. S.A., vii., 1904, p. 569

Species.	Host.	Locality.	Recorder.	Record.
<i>Dochmius hypostomus</i>	- Ovis aries (lumen of intes.)	Trafalgar R., N.S.W.	Cobbold	"Parasites of Animals," p. 346-7
<i>Dochmius hypostomus</i>	- Ovis aries (lumen of intes.)	N.S.W.	Perrie	Agri. Gaz. N.S.W., iii, 1892, p. 822
<i>Dochmius dentatum</i>	- Sus scrofa	N.S.W.	Perrie	Agri. Gaz. N.S.W., iii, 1892, p. 822
<i>Dracunculus oculi</i>	- (see <i>Filaria loa</i> )			
<i>Eustrongylus gigas</i>	- Equus caballus (kidneys)	Darling, Vic.	Brown	Australasian, 1896, ii., p. 1262 (10)
<i>Filaria australis</i> , Linstow	- Petrogale penicillata, Gray (body cavity)	Australia	von Linstow	Arch. fur. mikr. Anat., xlix., 1897, p. 610
<i>Filaria bancrofti</i> , Cobb	- Homo	Brisbane	Bancroft	Trans. Inter. Med. Cong. Aus., 1889, p. 51
				Aus. Med. Jour., ns., iv., 1882, p. 361
				Aus. Med. Gaz., xii., 1893, p. 258
<i>Filaria bancrofti</i> , Cobb	- Homo	Queensland	Flynn	Aus. Med. Gaz. xxii., 1903, p. 248
<i>Filaria bancrofti</i> , Cobb	- Homo	Queensland	Colledge	Proc. Roy. Soc. Qld. xv., 1900, p. 127
<i>Filaria bancrofti</i> , Cobb	- Homo	Adelaide	Johnson	Trans. Inter. Med. Cong. Aust., 1905, p. 380
<i>Filaria bancrofti</i> , Cobb	- Metamorphosis in <i>Culex</i> <i>ciliaris</i> , Linn.	Brisbane	Bancroft	Jour. and Proc. Roy. Soc. N.S.W., xxxiii., 1899, p. 48
<i>Culex fatigans</i>	-	Brisbane	Bancroft	Aus. Med. Gaz., xxii., 1903, p. 251

*Pisces*

*Filaria* (?) bicolor (Spiroptera (?) bicolor), v. Linstow

Mt. Mus. Berlin, i., Hef. 2, p. 17

von Linstow

South Aus.

*Mammalia*

*Filaria* bronchialis - *Bos taurus* (young), (lungs)

Agri. Jour. Vic., i., 1902, p. 339

Brown and  
McKenzie

Victoria

*Filaria* bronchialis - *Ovis aries* (lungs)

Rept. Aust. Stock Confce. Vic., 1890, p. 84  
Agri. Gaz. N.S.W., iii., 1892, p. 308

Bruce

N.S.W.

*Filaria* demarquayi - *Homo* (blood)

"Tropical Diseases," London, 1898, p. 446, etc.

Manson

New Guinea

*Filaria* dentifera, v. Linstow - *Phalaugista vulpecula*, var. *typicus*

Denk. Ges. Jena, viii., 1898; (8)  
Semon, v., p. 469

von Linstow

N.E. Aus.

*Filaria* hepatica, v. Linstow - *Pteropus neohibernicus* Prts. (bile ducts)

Arch. fur Naturg., lxiii., 1897, (1) C p. 282

von Linstow

Ralum, Bis-  
marck Ar.  
Queensland

*Filaria* immitis, Leidy - Intermediate host in *Culex skusii* (Giles) = *Culex fatigans*, Wied.

Jour. and Proc. Roy. Soc. N.S.W., xxxv., 1901, p. 141; and xxxvii., 1903, p. 254

Bancroft

Queensland

*Filaria* immitis, Leidy - Intermediate host in *Anopheles maculipennis*

Jour. Proc. Roy. Soc. N.S.W., xxxv., 1901, p. 41

Bancroft

Queensland

*Filaria* loa - *Equus caballus* (eye)

Australasian, 1896, ii., p. 1262 (10)

Brown

Victoria (?)

*Filaria* medinensis - *Homo* (?)

Aus. Med. Jour., v., 1860, p. 172

Macgillivray

Melb., from  
Bombay

Species.	Host.	Locality.	Recorder.	Record.
<i>Filaria medimensis</i> (embryos)	- Homo (f)	Australia (?)	Johnson	Trans. Inter. Med. Cong. Aus., 1905, p. 380
<i>Filaria nocturna</i>	- (see <i>Filaria bancrofti</i> )			
<i>Filaria osleri</i>	- <i>Canis familiaris</i> (lungs)	Melbourne	McLaughlin	Australasian, 1897, i., p. 855
<i>Filaria roemeri</i> , v. Linstow	- <i>Macropus antilopinus</i>	Australia	von Linstow	Arch. Mikr. Anat., lxvi., p. 356
	<i>Pisces</i>			
<i>Filaria sanguinea</i>	- <i>Galaxias scriba</i> (stomach)	Australia	Baird	Proc. Zool. Soc. Lond., 1861, p. 207
	<i>Mammalia</i>			
<i>Filaria spelaea</i> , Leidy	- "Wallaby" (abdominal cavity)"	Australia	Leidy	Proc. Ac. Nat. Sc. Phil., xxvii., (11) 1875, p. 17
	<i>Aves</i>			
<i>Filaria tricuspis</i> , Fedtsch	- <i>Cisticola exilis</i> , Vig Horsf. <i>Graucalus sclateri</i> , Finsch. <i>Calornis metallica</i> , Temm.	Ralum, Bismark Ar.	Cobbold	"Parasites of Animals," p. 433
			von Linstow	Arch. fur Naturg., lxi., 1897 (1) p. 282
	<i>Mammalia</i>			
<i>Filaria websteri</i> , Cobbold	- <i>Macropus giganteus</i> (knee-joint)	Australia	Cobbold	"Parasites of Animals," p. 433 (12) D
<i>Filaria websteri</i> , Cobbold	- <i>Macropus major</i> (cysts in knee joint)	N.S.W.	Fletcher	Proc. Linn. Soc. N.S.W. (s. 1), viii., 1883, p. 388
<i>Filaria</i> , sp.	- Homo (?)	Adelaide	Johnson	Trans. Inter. Med. Cong. Aus., 1905, p. 380
<i>Filaria</i> , sp.	- <i>Halmaturus bennetti</i> (Pericardium)	—	Eisig	Zeit. Wissen. Zool., xx., 1870, p. 99

Species.	Host.	Locality.	Recorder.	Record.
Filaria, sp.	"Knee-joint of Kangaroo"	—	Crisp	Proc. Zool. Soc., xxi., 1853, p. 68
Filaria (1), sp.	Macropus major	—	Bancroft	Inter. Med. Cong. Aus., 1889, p. 50
Filaria, spp.	<i>Artes</i> "in blood, peritoneal cavity, muscles of thigh, and pericardium of 14 birds especially, Eury-stomus pacificus, Gymnorhina tibicen, Craticus torquatus, Trichoglossus novae-hollandiae"	Queensland	Bancroft	Proc. Roy. Soc. Qld., vi., 1889, p. 53
Filaria, sp.	Centropus ateralbus, Less. (body cavity)	Herbertshöhe, von Linstow Bismarck Arch.	von Linstow	Arch. Naturg., lxiii., 1897, p. (1) C 286
Filaria, sp.	Ninox odiosa, Scd.	Rahum, Bismarck Arch.	von Linstow	Arch. Naturg., lxiii., 1897, p. (1) C 286
Filaria, sp.	<i>Pisces</i> "Imported salt herrings"	N.S.W.	Brazier	Proc. Linn. Soc. N.S.W., v., 1880, p. 629
Filaria, sp.		N. Caledonia	—	Arch. Parasit., vii., p. 377
Gongylonema scutatum	<i>Mammalia</i> Bos taurus	Victoria	Sweet	Proc. Roy. Soc. Vic., xxi. (2), 1908, p. 523

Species.	Host.	Locality.	Recorder.	Record.
<i>Haemonchus contortus</i>	- Ovis aries (stomach)	N.S.W.	Bruce	Rept. Aus. Stock Conf. Vic., 1890, p. 84 Agri. Gaz. N.S.W., iii., 1892, p. 308 Agri. Gaz. N.S.W., iii., 1892, p. 821 "Parasites of Animals," p. 346-7
<i>Haemonchus contortus</i>	- Ovis aries (stomach)	N.S.W.	Perrie	
<i>Haemonchus contortus</i>	- Ovis aries (stomach)	Trafalgar Bay N.S.W.	Cobbold	
<i>Haemonchus contortus</i>	- Ovis aries (4th stomach) Bos taurus	Blackwater, Mackenzie Dist., Q'ld.	Barnes	Report of Dept. of Agri., Queensland, 1897-8, p. 88
<i>Haemonchus contortus</i>	Ovis aries	N.S.W.	Stewart	Agri. Gaz. N.S.W., xi., 1900, p. 837
<i>Haemonchus contortus</i>	- Ovis aries (abomasum)	Swan Bay, Tasmania	Willmot	Agri. Gaz. Tas., xii., 1904, p. 64
<i>Haemonchus contortus</i>	- Ovis aries	Victoria (?)	Brown	Agri. Jour. Vic., iii., 1905, p. 340
<i>Haemonchus contortus</i>	- Ovis aries	Tasmania	Weston	Agri. Gaz. Tas., xv., 1907, p. 218
<i>Haemonchus contortus</i>	- Ovis aries	Queensland	Dodd	Agri. Jour. Q'ld., 1908, Aug., p. 92
<i>Heterakis australis</i> , v Linstow	- <i>Macropygia nigrirostris</i> Salvad. (sm. intestine)	Rahm, Bis- marck Ar.	von Linstow	Arch. Naturg., lxxiii., 1897, p. (1) C 286
<i>Heterakis dolichocerca</i> , Stossich	- <i>Circus spillothorax</i>	New Guinea	Stossich	Boll. Mus. Genova, 1902, No. 106
<i>Heterakis inflexa</i>	- <i>Gallus domesticus</i> (small intestine)	N.S.W.	Cobb	Agri. Gaz. N.S.W., vii., 1896, p. 747; and ix., 1898, p. 316

Species.	Host.	Locality.	Recorder.	Record.
Heterakis inflexa	- Gallus domesticus (egg)	N.S.W.	Cobb	Agri. Gaz. N.S.W., xvi., 1905, p. 561
Heterakis papillosa	- Gallus domesticus (caecum)	N.S.W.	Cobb	Agri. Gaz. N.S.W., vii., 1896, p. 748
Heth juli	<i>Myriapoda</i> - Julus, sp. (intestine)	Moss Vale, N.S.W.	Cobb	Agri. Gaz. N.S.W., ix., 1898, p. 299
Hoplocephalus cinctus, Linstow (nec Cuvier, 1832)	<i>Mammalia</i> - Perameles obesula (intes.)	N.E. Aus.	von Linstow	Denk. Ges. Jena, viii.; Semon, (8) v., 1898, p. 469
Labyrinthostoma, sp., Cobb	-	N.S.W.	Cobb	Agri. Gaz. N.S.W., ix., 1898, p. 421
Lepidonema bifurcata, Cobb	<i>Insecta</i> - "Insect larvae"	Moss Vale, N.S.W.	Cobb	Agri. Gaz. N.S.W., ix., 1898, p. 315, 453
Oesophagostomum columbianum	<i>Mammalia</i> - Bos taurus, Ovis aries (abomasum and intestine)	Mackenzie & Blackwater Dist., Q'ld.	Barnes	Rept. of Dept. of Agri., Q'ld., 1897-8, p. 88
Oesophagostomum columbianum (?)	- Bos taurus (intestines)	Queensland (var. parts)	Baucroft	Rept. Dept. Agri. Q'ld., 1892
Oxyuris curvula	- Equus caballus	N.S.W.	Perrie	Agri. Gaz. N.S.W., iii., 1892, p. 822
Oxyuris tuberculata	-	Australia	von Linstow	Arch. Naturg., lxx., 1904, p. 300
			Schneider	Centrbl. Bakter., xxxvi., 1904, p. 550

Species.	Host.	Locality.	Recorder.	Record.
<i>Oxyuris vermicularis</i>	- Homo	N.S.W.	Cobb	Jour. Linn. Soc. N.S.W. (ii.), v, 1890, p. 168
<i>Oxyuris</i> , sp.	- Gallus domesticus	N.S.W.	Perrie	Agri. Gaz. N.S.W., iii., 1892, p. 822
	<i>Aves</i>			
	<i>Reptilia</i>			
<i>Physaloptera</i> , sp.	- Diememia reticulata	N.S.W.	Kreff	Trans. Ento. Soc. N.S.W., ii., (5) 1871, p. 214
<i>Physaloptera</i> , sp.	- Cyclodus gigas	N.S.W.	Kreff	Trans. Ento. Soc. N.S.W., ii., (5) 1871, p. 214
<i>Physaloptera</i> , sp.	- "Ahm. Canal of Snake"	Ralum, Bismarck Ar.	von Linstow	Arch. Naturg., lxi, 1897, p. (1) 286
	<i>Mammalia</i>			
<i>Pseudalius inflexus</i>	- Delphinus phocaena (oesophagus and bronchi)	Aus. Seas (?)	von Linstow	Arch. Naturg., xlvi., 1880, p. 49
<i>Pseudalius minor</i>	Delphinus phocaena (tympanic cavity), and Delphinus communis (eye)	Aus. Seas (?)	von Linstow	Arch. Naturg., xlvi., 1880, p. 48
<i>Sclerostomum edentatum</i>	- Equus caballus	Horsham, Vic.	Sweet	Proc. Roy. Soc. Vic., xxi. (2), 1908, p. 507
<i>Sclerostomum equinum</i>	- Equus caballus	Victoria (?)	Brown	Agri. Jour. Vic., iii., 1905, p. 144
<i>Sclerostoma pinguicola</i> , Verrill	- Sus scrofa	Australia	Morris and Cobbold	M. Micr. Jour., vi., p. 243-8

Sclerostoma pinguicola, Verrill -	Sus scrofa	Kurrajong, N.S.W.	Musson	Agri. Gaz. N.S.W., xix., 1907, p. 634
Sclerostoma pinguicola, Verrill -	Sus scrofa	N.S.W., Q'ld.	Bancroft	Aus. Med. Gaz., xii., 1893, p. 258
Sclerostomum syngamus -	(see Syngamus trachealis)			
Sclerostomum tetracanthum -	(see Cylichmostomum tetracanthum)			
Sclerostomum vulgare -	Equus caballus	Horsham, V.	Sweet	Proc. Roy. Soc. Vic., xxi. (2), 1908, p. 508
Sclerostomum, sp. -	Equus caballus (stomach)	Sale, Vic.	Weir	Agri. Jour. Vic., ii., 1904, p. 243
Spiroptera furcata, v. Linstow -	<i>Amphibia</i> " Abdominal cavity of Frog "	Ralum, Bis- marek Ar.	von Linstow	Arch. Naturg., lxiii., 1897, p. (1) 286
Spiroptera megastoma -	<i>Mammalia</i> Equus caballus	Kimberley, W.A.	Weir, Le Souef, Edward	Jour. Dept. Agri. W.A., xii., 1905, p. 60
Spiroptera megastoma -	Oryctolagus cuniculus	Darling, Vic.	Brown	Australasian, 1896, ii., p. 1262 Brit. Med. Jour., 1896, ii., p. 1542
Spiroptera megastoma -	Equus caballus (stomach)	Southern South Aus.	Desmond	Jour. Agri. and Ind. S.A., ix., 1905-6, p. 252
Spiroptera megastoma -	Equus caballus (stomach)	N.S.W.	Perrie	Agri. Gaz. N.S.W., iii., 1892, p. 822
Spiroptera microstoma -	Equus caballus (stomach)	N.S.W.	Perrie	Agri. Gaz. N.S.W., iii., 1892, p. 822

Species.	Host.	Locality.	Recorder.	Record.
<i>Spiroptera strongylina</i>	- <i>Sus scrofa</i>	N.S.W.	Perrie	Agri. Gaz. N.S.W., iii., 1892, p. 822
<i>Spiroptera</i> , sp.	- <i>Bos taurus</i> (nodules in muscles)	West Aus.	Cleland	Jour. of Agri. W.A., xv., 1907, p. 88
<i>Stephanurus dentatus</i>	- (see <i>Sclerostomum pinguicola</i> )	N.S.W.	Cobb	Agri. Gaz. N.S.W., ix., 1898, p. 320
<i>Streptogaster papillatus</i> , Cobb.	- (Parasitic)	N.S.W. or Q.	Kreffit	Trans. Ento. Soc. N.S.W., ii., (5) 1871, p. 212
<i>Strongylus apris</i>	- <i>Sus scrofa</i>	N.S.W.	Perrie	Agri. Gaz. N.S.W. iii., 1892, p. 821
<i>Strongylus apris</i>	- <i>Sus scrofa</i> (lungs)	West Aus.	Clutterbuck	Jour. Agri. W.A., xv., 1907, p. 236
<i>Strongylus armatus</i> ( <i>sic</i> )	- <i>Equus caballus</i> (large in- testine)	N.S.W.	Perrie	Agri. Gaz. N.S.W. iii., 1892, p. 821
<i>Strongylus armatus</i> ( <i>sic</i> )	- <i>Equus caballus</i> (colon and mesenteric artery)	S.E. S. Aus.	Desmond	Jour. Agri. and Ind. S.A., vii., 1904, p. 569
<i>Strongylus armatus</i> ( <i>sic</i> )	- <i>Equus caballus</i> (blood, in- testine muscles and arteries)	Southern South Aus.	Desmond	Jour. Agri. and Ind. S.A., ix., 1905, p. 252
<i>Strongylus canis bronchialis</i>	- (see <i>Filaria osleri</i> )	N.S.W., Q'ld.	Kreffit	Trans. Ento. Soc. N.S.W., ii., (5) 1871, p. 212
<i>Strongylus contortus</i>	- (see <i>Haemonchus contortus</i> ) <i>Mammalia</i>	Trafalgar R., N.S.W.	Cobbold	"Parasites of Animals," p. 347
<i>Strongylus filaria</i>	- <i>Ovis aries</i> (lungs)			
<i>Strongylus filaria</i>	- <i>Ovis aries</i> (lungs)			

Species.	Host.	Locality.	Recorder.	Record.
Strongylus filaria	- Ovis aries (lungs)	Victoria (?)	Brown	Australasian, 1897, i., p. 1168
Strongylus filaria	- Ovis aries (lungs)	Australia	Ford	Aus. Med. Jour. iv., 1882, p. 388
Strongylus filaria	- Ovis aries (lungs)	N.S.W.	Stewart	Aus. Med. Jour., v., 1883, p. 153
Strongylus filaria	- Ovis aries (lungs)	Victoria (?)	Brown	Agri. Gaz. N.S.W., xi., 1900, p. 839
Strongylus filaria	- Ovis aries (lungs)	Swan Bay, Tasmania	Willmot	Agri. Jour. Vic., ii., 1904, p. 72
Strongylus filaria	- Ovis aries (lungs)	Bishopsbourne, Tasmania	Weston	Agri. Jour. Vic., iii., 1905, p. 341
Strongylus filaria	- Ovis aries (lungs)	West Aus.	Cleland	Agri. Gaz. Tas., xii., 1904, p. 64
Strongylus filaria	- Ovis aries (lungs)	West Aus.	Clutterbuck	Agri. Gaz. Tas., xv., 1907, p. 217
Strongylus micrurus	- Equus caballus	N.S.W.	Perrie	Jour. Agri. W.A., xv., 1907, p. 88
Strongylus micrurus	- Bos taurus (lungs)	West Aus.	Cleland	Jour. Agri. W.A., xv., 1907, p. 236-7
Strongylus micrurus	- Bos taurus (lungs)	West Aus.	Clutterbuck	Agri. Gaz. N.S.W., iii., 1892, p. 821
Strongylus micrurus	- Bos taurus (lungs)	West Aus.	Clutterbuck	Jour. Agri. W.A., xv., 1907, p. 91
Strongylus paradoxus	- (see Strongylus apri)			Jour. Agri. W.A., xv., 1907, p. 236



Species.	Host.	Locality.	Recorder.	Record.
<i>Trichinella spiralis</i>	- Homo (?)	Adelaide	Johnson	Trans. Inter. Med. Cong. Aus., 1905, p. 370, 380
<i>Trichocephalus affinis</i>	- Ovis aries	N.S.W.	Perrie	Agri. Gaz. N.S.W., iii., 1892, p. 822
<i>Trichocephalus affinis</i>	- Ovis aries (caecum)	Swan Bay, Tasmania	Willmot	Agri. Gaz. Tas., xii., 1904, p. 64
<i>Trichocephalus crenatus</i>	- Sus scrofa	N.S.W.	Perrie	Agri. Gaz. N.S.W., iii., 1892, p. 822
<i>Trichocephalus dispar</i>	- Homo (caecum)	N.S.W., Q'ld.	Bancroft	Aus. Med. Gaz., xii., 1893, p. 258
<i>Trichocephalus dispar</i>	- Homo (caecum)	N.S.W., Q'ld.	Mollison	Inter. Med. Jour. Aus., iii., 1898, p. 417
<i>Trichocephalus dispar</i>	- Homo (caecum)	Brisbane	Laves	Aus. Med. Gaz. xiv., 1895, p. 446
<i>Trichocephalus hepaticus, Bancroft</i>	- Mus rattus (liver)	Brisbane	Bancroft	Jour. and Proc. Roy. Soc. N.S.W., xxvii., 1893, p. 89
<i>Trichocephalus (?)</i> , sp.	- "from large percid fish"	N.S.W.	Kreffit	Trans. Ento. Soc. N.S.W., ii., (5) 1871, p. 214
<i>Triodontophorus intermedius</i>	- Equus caballus	Horsham, V.	Sweet	Proc. Roy. Soc. Vic., xxi. (2), 1908, p. 509
<i>Uncinaria duodenale</i>	- Homo	Queensland	Hogg	Aus. Med. Gaz., viii., 1888-9, p. 133
<i>Uncinaria duodenale</i>	- Homo	Queensland	Gibson and Turner	Brit. Med. Jour., i., p. 792 Trans. Med. Cong. Aust., 1892, p. 134

Species.	Host.	Locality.	Recorder	Record.
Uncinaria duodenale	- Homo	Queensland	Bancroft	Aus. Med. Gaz. xii., 1893, p. 258
Uncinaria duodenale	- Homo	Brisbane	Laves	Aus. Med. Gaz., xiv., 1895, p. 445
Uncinaria duodenale	- Homo	Cairns, etc., Q'ld., and N. N.S.W.	Turner	Proc. Roy. Soc. Q'land, xi., 1895, p. 99
Uncinaria duodenale	- Homo	Queensland	Bancroft	Aus. Med. Gaz. xxi., 1902, p. 66
Uncinaria duodenale	- Homo	Queensland	O'Brien	Aus. Med. Gaz., xxvii., 1908, p. 121
Uncinaria trigonocephala	- Canis familiaris	N.S.W.	Perrie	Agri. Gaz. N.S.W., iii., 1892, p. 822
Uncinaria, sp.	- Homo	Brisbane	Ashworth	Aus. Med. Gaz., xv., 1896, p. 482
Uncinaria, sp.	- Homo	Queensland	Hamilton-Kenny	Aus. Med. Gaz., xxv., 1906, p. 399
Xyo hystrix, Cobb.	- Pasalus, sp. (intestine)	Moss Vale, N.S.W.	Cobb	Agri. Gaz. N.S.W., ix., 1898, p. 315
Zoniolaimus setifera, Cobb.	- "Stomach of Brush Wal-laby"	Moss Vale, N.S.W.	Cobb	Agri. Gaz. N.S.W., ix., 1898, p. 312, 340-1
?	- Homo	Brisbane	Ashworth	Aus. Med. Gaz. xv., 1896, p. 482
?	- Homo (eye)	Victoria	Tassell	Aus. Med. Jour., xix., 1874, p. 324

Species.	Host.	Locality.	Recorder.	Record.
?	- Homo (subcutaneous tissue)	Victoria (from Trop. Africa)	Cherry	Inter. Med. Jour. Aus., iii., 1898, p. 416
?	- Homo (excretory organs)	Adelaide	Brummit	Aus. Med. Gaz., xvi., 1897, p. 135
?	(larvae)	- Bos taurus (nodules in stomach)	West Aus.	Jour. Agri. W.A., xv., 1907, p. 88
?	("Worm nests")	- Bos taurus	Queensland	Inter. Med. Cong. Aus., 1892, p. 576
?	- Bos taurus	Queensland	Pound	Dept. Agri. Queensland, Rept. 1898-9, p. 97
?	- Equus caballus	Charlton, Vic.	Bull	Agri. Jour. Vic., iii., 1905, p. 580
?	- Ovis aries (lungs)	N.S.W.	—	Agri. Jour. Q'land, ii., 1898, p. 420
?	- Ovis aries (abomasum)	S.E. of S. Aus.	Williams	Jour. Agri. and Ind. S.A., iv., 1900, p. 159
?	- "Kangaroo" (subcutaneous tissue)	Victoria (?)	Kitson	Vic. Nat. Vic., xxi., 1904-5, p. 147
?	- "Boobook owl, between skin and skull"	Victoria	Kearland	Vic. Nat. Vic., xxi., 1904-5, p. 147
?	- Egermia cunninghami	N.S.W.	Kreffl,	Trans. Ento. Soc. N.S.W., ii., (13) 1871, p. 214
?	- "Fish"	Queensland(?)	Bancroft	Trans. Inter. Med. Cong. Aus., 1889, p. 51

Species.	Host.	Locality.	Recorder.	Record.
IV.—NEMATOMORPHIA				
Gordius incertus, Villot	—	Tasmania	Villot	Arch. Zool. Exper., iii., p. 181, 39
Gordius, sp.	—	N.S.W.	Cobb	Agri. Gaz. N.S.W., ii., 1891, p. 213
V.—ACANTHOCEPHALA				
Echinorhynchus gigas	—	N.S.W.	Perrie	Agri. Gaz. N.S.W., iii., 1892, p. 822
Echinorhynchus horridus, Lin- stow	<i>Arct</i> Halcyon sanctus (intestine)	Ralum, Bis- mark Ar.	von Linstow	Arch. Naturg., lxi., 1897, p. 290
Echinorhynchus, sp.	<i>Mammalia</i> Delphinus forsteri	Aus. Waters	Kreff	Trans. Ento. Soc. N.S.W., ii., (5) 1871, p. 212
Echinorhynchus, sp.	<i>Reptilia</i> Diemenia reticulata	N.S.W.	Kreff	Trans. Ento. Soc. N.S.W., ii., (5) 1871, p. 214
Gigantorhynchus semoni	<i>Mammalia</i> Perameles obesula (Geoff.) (alim. canal)	N.E. Aus.	von Linstow	Denk. Ges. Jena, viii., 1898; (8) Semon, v., p. 471
Gastrophilus equi (larval stage)	Equus caballus	N.S.W. (from New Zld.)	Perrie	Agri. Gaz. N.S.W., iii., 1892, p. 822

VI.—INSECTA

Species.	Host.	Locality.	Recorder.	Record.
<i>Gastrophilus equi</i> (larval stage)	<i>Equus caballus</i>	Jatrobe, Wyn- yard, etc., Tasmania	Thompson	Jour. of Council of Agri. Tas., ii., 1894, p. 76
<i>Gastrophilus equi</i> (larval stage) (?)	<i>Equus caballus</i>	Victoria	Brown	Australasian. 1894, i., p. 190
<i>Gastrophilus equi</i> (larval stage)	<i>Equus caballus</i>	Lobethal, Mt. Gambier, etc., S.A.	—	Jour. of Agri. and Ind. S.A. (14) iv., 1901, p. 523, 619, etc.
<i>Gastrophilus equi</i> (larval stage)	<i>Equus caballus</i>	Victoria	French	Agri. Jour. Vic., i., 1902, p. 693
<i>Gastrophilus equi</i> (larval stage)	<i>Equus caballus</i>	Victoria	Brown	Agri. Jour. Vic., ii., 1904, p. 634
<i>Gastrophilus equi</i> (larval stage)	<i>Equus caballus</i>	South Aus.	Desmond	Jour. Agri. and Ind. S.A., ix., 1905-6, p. 252
<i>Gastrophilus haemorrhoidalis</i> (larval stage)	<i>Equus caballus</i> (rectum)	South Aus.	Desmond	Jour. Agri. and Ind. S.A., ix., 1905-6, p. 252
<i>Gastrophilus haemorrhoidalis</i> (larval stage)	<i>Equus caballus</i> (rectum)	Victoria (?)	Brown	Agri. Jour. Vic., ii., 1904, p. 635
<i>Gastrophilus nasalis</i>	- <i>Equus caballus</i>	West Aus.	Helms	Jour. Agri. W.A., i., 1899, p. 23
<i>Gastrophilus</i> , sp. (?)	- <i>Equus caballus</i>	N.S.W.	Stewart	Agri. Gaz. N.S.W., xi., 1900, p. 841
<i>Gastrophilus</i> , sp. (?)	- <i>Equus caballus</i>	N.S.W.	Froggatt	Agri. Gaz. N.S.W., xix., 1903, p. 229
<i>Gastrophilus</i> , sp. (?)	- <i>Equus caballus</i>	Mt. Gambier, S.A.	Williams and Wedd	Jour. Agri. Ind. S.A., iii., 1900, p. 622
<i>Gastrophilus</i> , sp. (?)	- <i>Equus caballus</i>	Victoria	Brown	Agri. Jour. Vic., v., 1907, p. 448

Species.	Host.	Locality.	Recorder.	Record.
<i>Gastrophilus</i> , sp. (?)	- Equus caballus	West Aus.	—	Jour. Agri. W.A., x., 1904, p. 43
<i>Gastrophilus</i> , sp. (?)	- Equus caballus	West Aus.	Despeissis	Jour. Agri. W.A., xiv., 1906, p. 450
<i>Oestrus ovis</i> (larval stage)	- Ovis aries	Tasmania	Morton	Papers and Proc. Roy. Soc. Tas., xxxviii., 1885, p. 258
<i>Oestrus</i> , sp.	- Camelus dromedarius	North Aus.	Tepper	Jour. Agri. Ind. S.A., iii., 1900, p. 565
?	- Ovis aries	N.S.W.	Stewart	Agri. Gaz. N.S.W., xii., 1901, p. 1542
VI.—ARACHNIDA				
<i>Ares</i>				
<i>Acarus depilis</i> , Brown	- Gallus domesticus (subcutaneous tissue)	Vic. and S.A.	Brown	Brit. Med. Jour., 1897, ii., p. 1675
<i>Faculifer rostratus</i>	- Columbia livia (subcutaneous tissue)	Victoria	Sweet	Proc. Roy. Soc. Vic., xxi., 1908, (2) p. 523
<i>Linguatula rhinaria</i>	- —	Australia (?)	Johnson	Trans. Inter. Med. Cong. Aus., 1905, p. 380
<i>Pentastomum denticulatum</i>	- —	Australia (?)	Johnson	Trans. Inter. Med. Cong. Aus., 1905, p. 380
<i>Pentastomum teretiusculum</i> . Baird	Hoplocephalus superbus (mouth)	Zool. Gardens, Lond. (from Australia)	Baird	Proc. Zool. Soc. Lond., 1862, p. 114
			Kreffl	Trans. Ento. Soc. N.S.W., ii., 1871, p. 211

Species.	Host.	Locality.	Recorder.	Record.
Pentastomum Baird	Hoplocephalus (lung) superbus	King Island and Vic.	Spencer	Q.J.M.S. (n.s.), xxxiv., 1892-3, (15) p. 1
Pentastomum, sp.	Pseudechys porphyriacus	King Island	Spencer	Proc. Roy. Soc. Vic., i., 1888, (16) p. 110
Pentastomum, sp.	Himulia taeniolata	N.S.W.	Krefft	Trans. Ento. Soc. N.S.W., ii., (5) 1871, p. 214
Pentastomum, sp.	Diemenia reticulata	N.S.W.	Krefft	Trans. Ento. Soc. N.S.W., ii., (5) 1871, p. 214
Pentastomum, sp.	Diplodactylus ornatus	N.S.W.	Krefft	Trans. Ento. Soc. N.S.W., ii., (5) 1871, p. 214

## INDEX TO REFERENCE FIGURES AND LETTERS.

1.	Collected by	Dahl.	
2.	„	Masters.	
3.	„	Brazier.	
4.	„	Perrie.	
5.	„	Kreffit and Masters.	
6.	„	Hill.	
7.	„	Jack.	
8.	„	Semon.	
9.	„	Bancroft.	
10.	„	Allen.	
11.	„	Leidy.	
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13.	„	Kreffit.	
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16.	„	Spencer.	
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